

On-site Sewage Disposal Program



Who am I?



Stefan Furey – Environment's On-site Program Lead

- Oversee the direction and goals of the program
- Provide interpretations of policies and rules
- Do not make decisions on individual files

Agenda

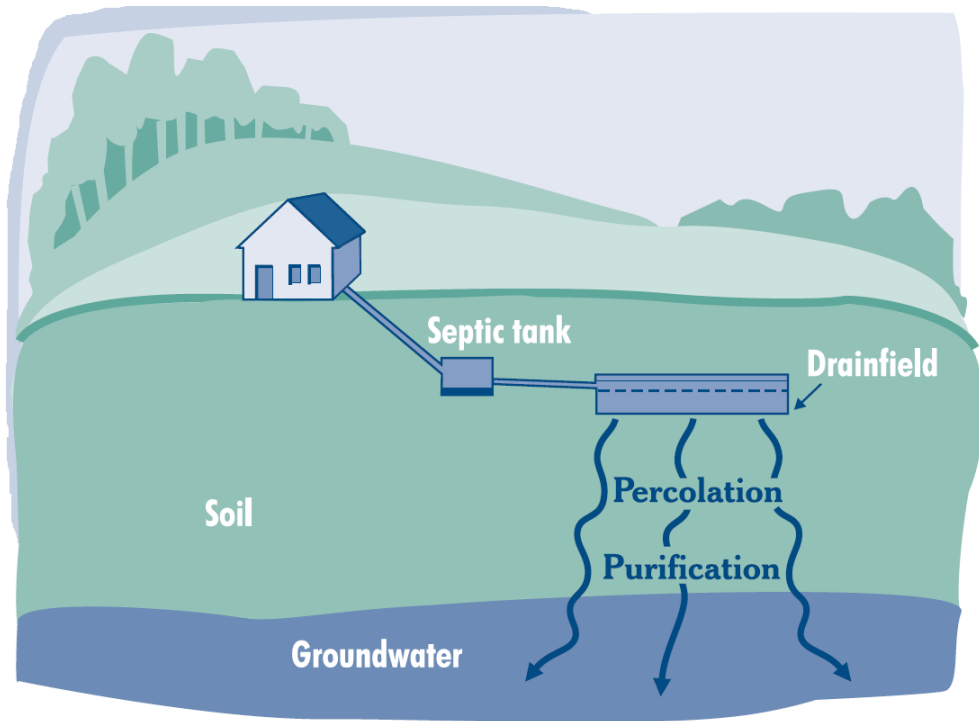
- What an on-site system is and how we regulate it
- Industry participants
- Subdivision requirements
- What challenges are you seeing?



On-site Program

What an on-site is and how we regulate it

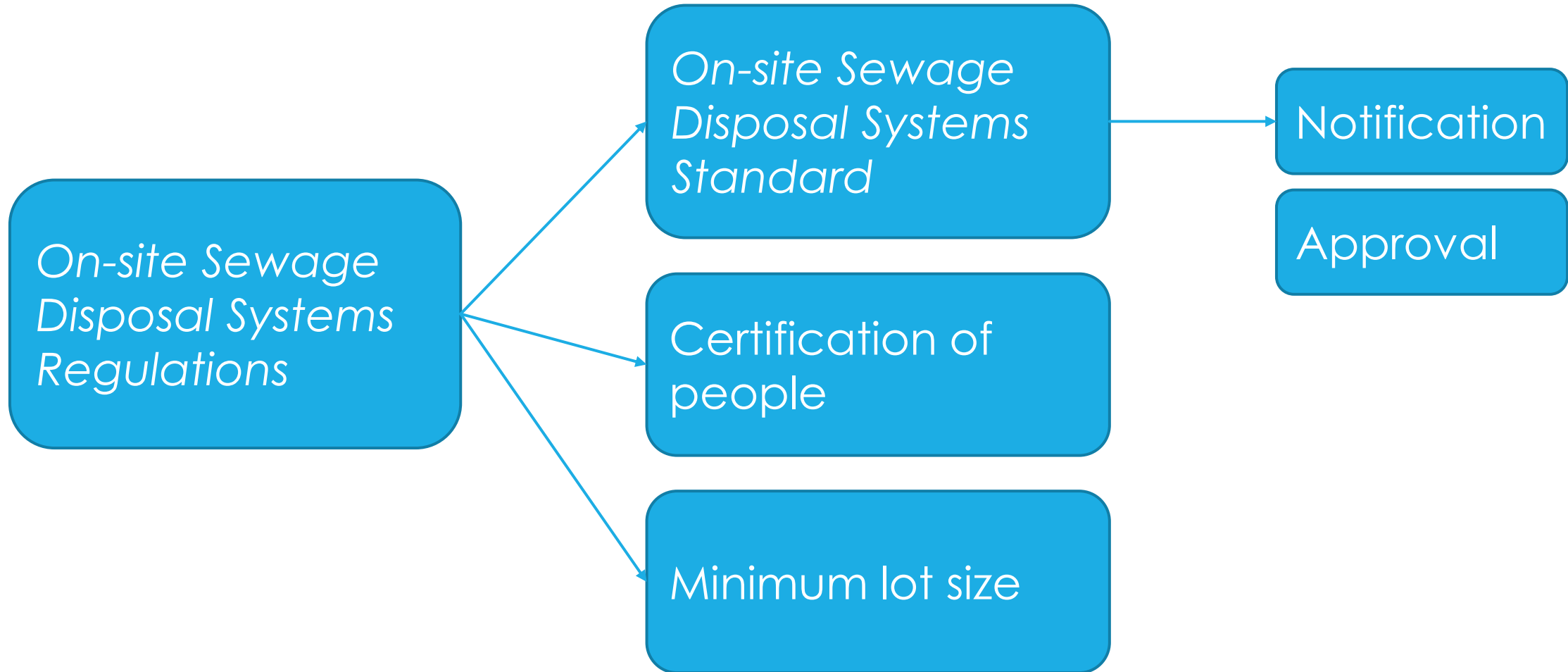
What an on-site system is



An on-site system generally consists of:

- a septic tank
- a drainfield
- the soil below the drainfield

How we regulate





Industry participants

The groups involved in the program

Who is involved?



**Industry
Engineer**



**Qualified
Person (QP)**



Installer



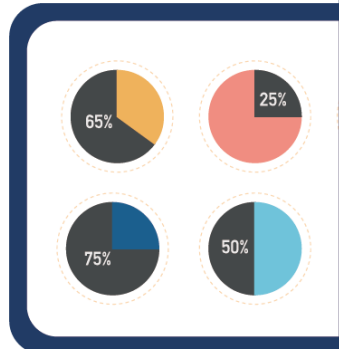
Cleaner

- Only these groups can work on system installations
- Department staff will review and audit their work for compliance with our process and the Standard
- Wastewater Nova Scotia is the industry association who helps manage certification and certification renewal

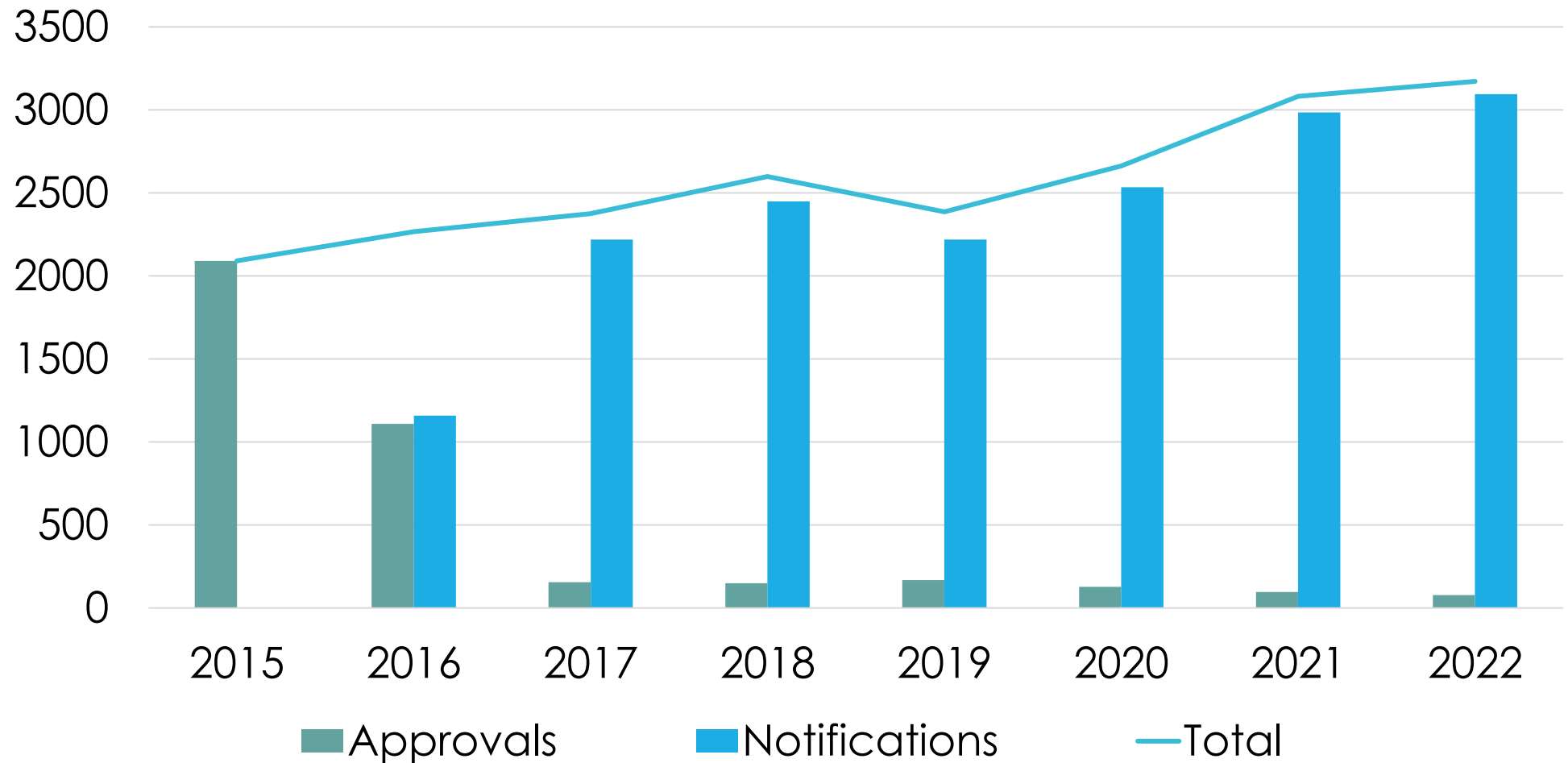
Additions and Renovations

- Our rules address the construction or modification of systems.
- Home additions served by septic should have a report from a QP/Engineer confirming the existing system can handle the flow.
- This report can be provided to the municipal building official. ECC would not provide comments.

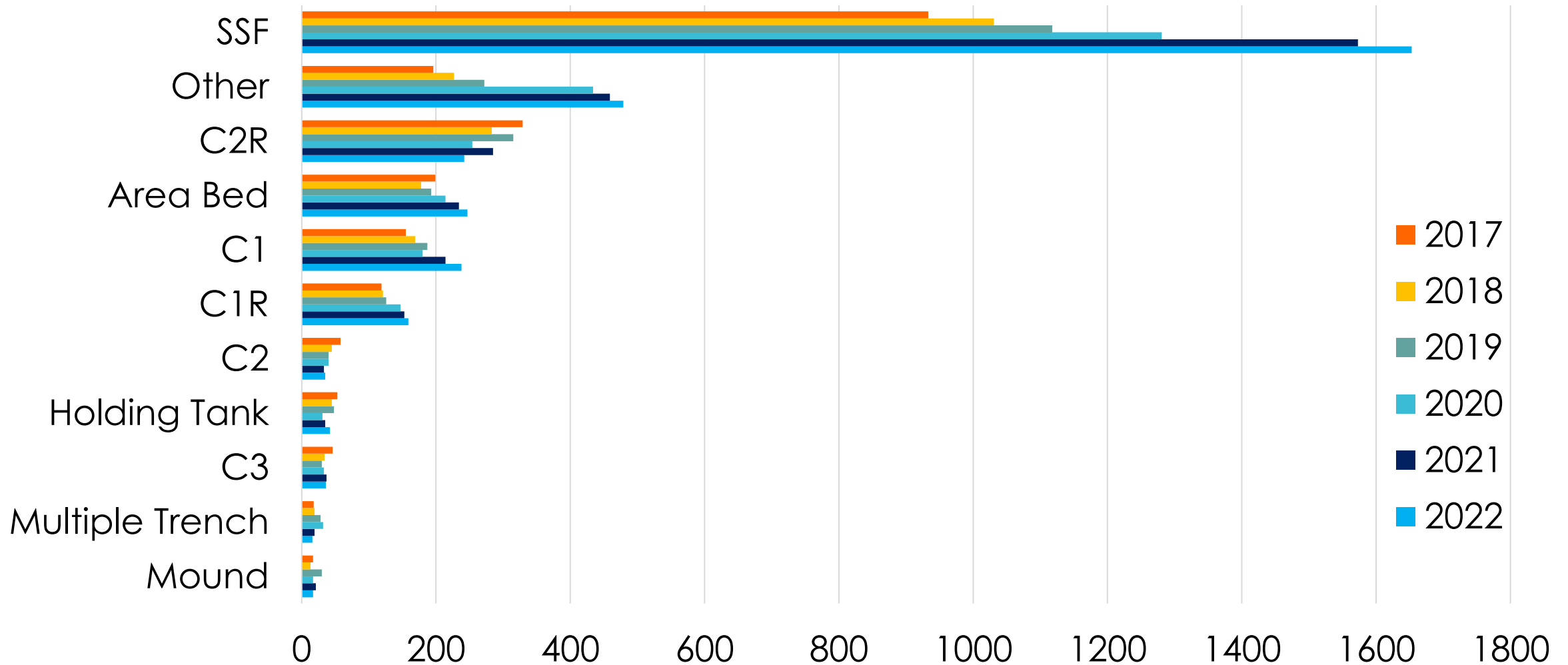
ON-SITE STATISTICS



System Applications



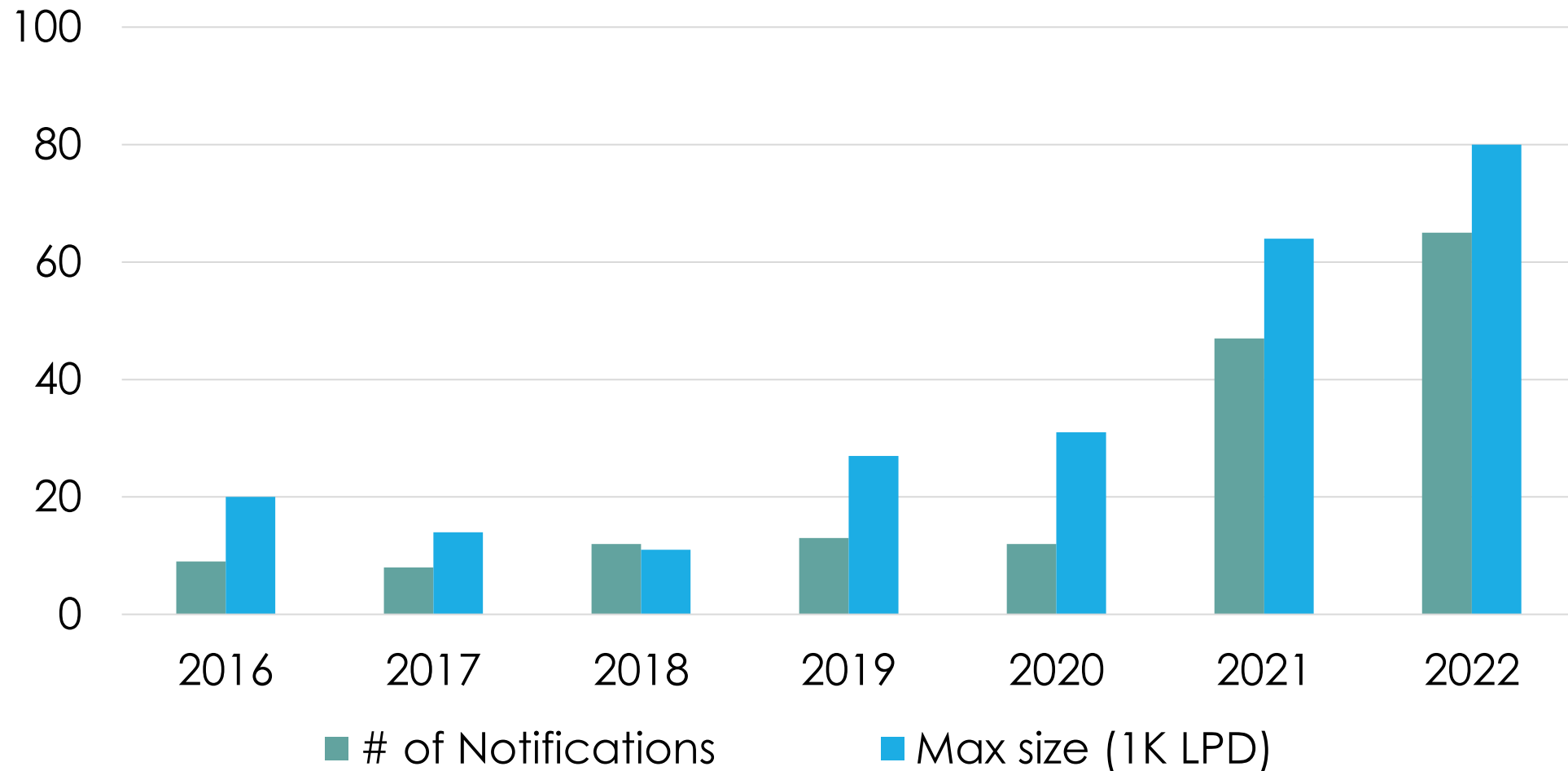
System Type



Malfunctions By District

	2017	2018	2019	2020	2021	2022
Amherst	23	32	34	36	61	78
Antigonish	17	16	20	13	34	26
Bedford	202	261	276	349	434	340
Bridgewater	83	150	129	195	193	204
Kentville	78	81	73	116	158	144
Pictou	8	6	10	18	37	24
Port Hawkesbury	23	26	20	15	26	30
Sydney	21	38	38	31	44	54
Truro	24	40	36	61	70	63
Yarmouth	67	29	34	62	52	62
Total	546	679	670	896	1109	1025

Notifications Over 5000 Litres per day





Subdivision of land

Environment and Climate Change requirements

Provincial Subdivision Regulations

- Outline requirements for submissions to development officers.
- Requires request for comment from ECC for proposed lots using on-site septic.
- No comments required if lot is noted as not requiring on-site septic.

On-site Sewage Disposal System Regs

- Include lot assessment details required by QP/Engineer.

Minimum Lot Size Requirements		
Depth of Permeable Soil (mm)	Lot Area (m ²)	Lot Width (m)
0-149	9000	76
150-299	6800	60
300-600	4500	53
601-900	3150	37
900 and deeper	2700	37

* A waterfront lot with permeable soil deeper than 600 mm must be at least 3700 m² in area and have a lot width of at least 45 m.



Challenges with Subdivision

What issues does the Association see and are dealing with?

Ideas for discussion

- What issues and challenges are you facing?
- Lots marked not-for development.
- ECC review.
- Large developments and bare land condos.



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